

Abstract

The object of this invention is to provide a self-expandable stent, made of a shape-memory alloy and used for insertion in a narrow or blocked target portion of the contracted gullet having a lesion so as to open the target portion. The stent includes a coated primary unit having a hollow cylindrical body fabricated by knitting a shape-memory alloy wire to make a net structure, with both an enlarged diameter part and a coat layer. An uncoated secondary unit surrounds the hollow cylindrical body of the coated primary unit. The secondary unit has a hollow cylindrical body fabricated by knitting a superelastic shape-memory alloy wire to make a net structure having diamond-shaped meshes. The stent is prevented from being undesirably removed from a narrow or blocked target portion of the gullet having a lesion.